(b) whether a similar crisis is likely to occur or whether it already exists in India; and

(c) whether Government propose to request the UNDP to make a similar study in India, starting with a study of Ganga Action Plan Project?

THE MINISTER OP STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF PROGRAMME IMPLEMENTATION (SHRIMATI MANEKA GANDHI): (a) A news report, 'Ecological crisis grips China' has appeared in the Economic Times, dated 19th February, 1990.

(b) Several preventive and curative measures have been initiated to control pollution and degradation of environment. If these measures are implemented effectively such a crisis is unlikely to occur in India.

(c) No, Sir.

Development of Computer Technology for Indian Languages

8. *SlB.fi* PRAMOD MAHAJAN: Will the PRIME MINISTER be pleased to state:

(a) waether Government are aware of the programme being envisaged for the devi-lopment of computer technology for.' Indian languages, specially Sanskritj

(b) w.nether some specific projects in this-regard are being launched; if so, the outline of each one and when will they be launched;

(c) what are the target for Sanskrit-oriented projects to be achieved dur-ing the implementation of the programme; and

(d) if the answer to part (b) above be in the negative what are the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE DEPARTMENT OF EDUCATION IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (PROF. M. G. K. MENON): (a) Department of Electronics has drawn up a programme, namely, Technology Development for Indian Languages (TDIL) for implementation during the Eighth Plan. This programme covers Sanskrit also.

(b) A Sanskrit-oriented project, entitled "Computer Assisted Sanskrit Teaching, Learning Environment" was launched by Department of Electronics as a joint project at Jawaharlal Nehru University (JNU), New Delhi in June, 1988 and Lai Bahadur Shastri Kendriya Sanskrit Vidyapeeth, New Delhi in November, 1989.

A project on investigating the use of Sanskrit language for natural language processing was initiated at the Centre for Development of Advanced Computing (C-DAC), Pune in March, 1989.

(c) During the implementation of the TDIL programme, project propo sals will be called for 'These projects will cover areas such as language learning system, computer based grammer and dictionary, knowledge representation schemes and natural language understanding system. These will be applicable to all Indian langu ages including Sanskrit. AH projects taken up will involve targets for achievement and monitoring.

Apart from investigating the use of Sanskrit language for natural language processing, target of the project **at** C-DAC includes development of tools and techniques for Sanskrit Language processing in the Paninian Grammer framework.

(d) Does not arise.

Ninth Worlfl Book Fair

9. SHRI NARESH C. PUGLIA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that the ninth World Hook Fair was organised